

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCK
WA23-02SERIAL NO. 09/1077
Yet to be assigned

LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Fuglevand et al.

ATTACH TO #3

FILING DATE

7/26/01

GROUP

1745

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
OK	AA	2,852,554	9/58	England	260	481	
OK	AB	3,498,844	3/70	Sanderson	136	86	
OK	AC	3,507,702	4/70	Sanderson	136	86	
OK	AD	3,528,858	9/70	Hodgdon	136	86	
OK	AE	3,623,913	11/71	Adlhart et al.	136	86	
OK	AF	3,802,534	4/74	Summers et al	340	249	
OK	AG	3,823,358	7/74	Rey	320	3	
OK	AH	3,964,930	6/76	Reiser	136	86	
OK	AI	3,969,145	7/76	Greystad	136	86	
OK	AJ	3,975,913	8/76	Erickson	60	645	
OK	AK	4,024,036	5/77	Nakamura et al	204	129	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

6/11/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

09/916791
07/26/01

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET N.
WA23-020SERIAL NO.
Yet to be assignedLIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Fuglevand et al.FILING DATE
Filed herewith

GROUP

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
SK	AA	4,130,693	12/78	Van den Berghe et al.	429	41	
SK	AB	4,142,024	2/79	Van den Berghe et al.	429	41	
SK	AC	4,178,418	12/79	Croset et al.	429	27	
SK	AD	4,185,131	1/80	Goller et al.	427	113	
SK	AE	4,192,906	3/80	Maru	429	13	
SK	AF	4,219,443	8/80	Klinedinst et al.	252	425	
SK	AG	4,276,355	6/81	Kothmann et al.	429	26	
SK	AH	4,287,232	9/81	Goller et al.	427	113	
SK	AI	4,463,065	7/84	Hegedus et al.	429	33	
SK	AJ	4,469,579	9/84	Covitch et al.	204	283	
SK	AK	4,476,198	10/84	Ackerman et al.	429	32	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

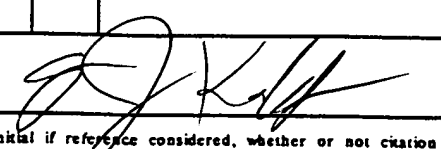
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020	SERIAL NO. Yet to be assigned			
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.				
				FILING DATE Filed herewith		GROUP		
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
OK	AA	4,478,917	10/84	Fujita et al.	429	33		
OK	AB	4,500,612	2/85	Fujii et al.	429	26		
OK	AC	4,510,211	4/85	Struthers	429	18		
OK	AD	4,562,124	12/85	Ruka	429	30		
OK	AE	4,598,028	7/86	Rossing et al.	429	30		
OK	AF	4,629,537	12/86	Hsu	204	15		
OK	AG	4,647,359	3/87	Lindstrom	204	294		
OK	AH	4,670,702	6/87	Yamada et al.	320	21		
OK	AI	4,686,158	8/87	Nishi et al.	429	26		
OK	AJ	4,661,411	4/87	Martin et al.	428	421		
OK	AK	4,702,971	10/87	Isenberg	429	31		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER				DATE CONSIDERED				
				6/11/03				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DCKET NO. WA23-020	SERIAL N. Yet to be assigned		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand			
				FILING DATE Filed herewith		GROUP	
U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
OK	AA	4,724,191	2/88 Kuriakose <i>etal</i>	429	193		
OK	AB	4,728,584	3/88 Isenberg	429	31		
OK	AC	4,749,632	6/88 Flandermeyer <i>etal</i>	429	12		
OK	AD	4,755,376	7/88 Marianowski	429	16		
OK	AE	4,767,518	8/88 Maskalick	204	242		
OK	AF	4,769,297	9/88 Reiser <i>etal</i>	429	17		
OK	AG	4,770,955	9/88 Ruhl	429	33		
OK	AH	4,795,536	1/89 Young <i>et al</i>	204	129		
OK	AI	4,797,185	1/89 Polak <i>et al</i>	204	129		
OK	AJ	4,797,190	1/89 Peck	204	296		
OK	AK	4,804,592	2/89 Vanderborgh	429	33		
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER <i>JD K...</i>				DATE CONSIDERED <i>6/11/03</i>			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DCKET NO.
WA23-020SERIAL NO.
Yet to be assignedLIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Fuglevand et al.FILING DATE
Filed herewith

GROUP

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
OK	AA	4,816,036	3/89	Kotchick	29	623	
OK	AB	4,818,637	4/89	Molter et al.	429	15	
OK	AC	4,818,735	4/89	Fujiki et al.	501	134	
OK	AD	4,824,741	4/89	Kunz	429	26	
OK	AE	4,826,741	5/89	Aldhart et al.	429	19	
OK	AF	4,826,742	5/89	Reiser	429	33	
OK	AG	4,847,172	7/89	Maskalick et al.	429	30	
OK	AH	4,849,253	7/89	Maricle	427	115	
OK	AI	4,851,303	7/89	Madou et al.	429	13	
OK	AJ	4,863,813	9/89	Dyer	429	33	
OK	AK	4,876,115	10/89	Raistrick	427	115	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

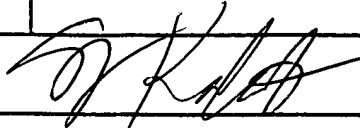
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

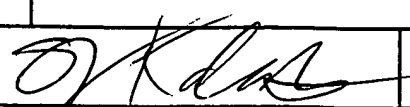
	AR		
	AS		
	AT		

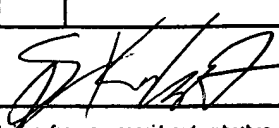
EXAMINER

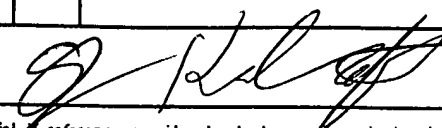
DATE CONSIDERED

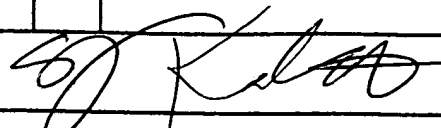
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020		SERIAL NO. Yet to be assigned	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.			
				FILING DATE Filed herewith		GROUP	
U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
OK	AA	4,883,497	11/89 Claar et al.	29	623		
OK	AB	4,894,355	1/90 Takeuchi et al.	502	101		
OK	AC	4,927,793	5/90 Hori et al.	501	134		
OK	AD	4,943,494	7/90 Riley	429	30		
OK	AE	4,948,680	8/90 Madou et al.	429	13		
OK	AF	4,985,315	1/91 Lemoine	429	33		
OK	AG	4,994,331	2/91 Cohen	429	17		
OK	AH	5,035,962	7/91 Jensen	429	40		
OK	AI	5,035,961	7/91 Jensen Riley	429	30		
OK	AJ	5,037,525	8/91 Badwal	204	421		
OK	AK	5,047,298	9/91 Perry Jr. et al.	429	17		
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
AL							
AM							
AN							
AO							
AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER				DATE CONSIDERED		6/11/03	
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020	SERIAL NO. Yet to be assigned		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.			
				FILING DATE Filed herewith	GROUP		
U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
OK	AA	5,049,459	9/91 Akagi	429	33		
OK	AB	5,059,497	10/91 Prince et al	429	193		
OK	AC	5,069,987	12/91 Gordon	429	31		
OK	AD	5,084,144	1/92 Reddy et al	205	104		
OK	AE	5,106,706	4/92 Singh et al	429	31		
OK	AF	5,114,803	5/92 Ishihara et al	429	30		
OK	AG	5,122,425	6/92 Yoshida et al.	429	33		
OK	AH	5,130,210	7/92 Iwasaki et al.	429	33		
OK	AI	5,132,193	7/92 Reddy et al.	429	13		
OK	AJ	5,143,801	9/92 Bates	429	33		
OK	AK	5,149,601	9/92 Shiratori et al.	429	30		
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER				DATE CONSIDERED		6/11/03	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020	SERIAL NO. Yet to be assigned		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.			
				FILING DATE Filed herewith		GR UP	
U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
OK	AA	5,154,987	10/92 Hash et al.	429	33		
OK	AB	5,162,167	11/92 Minh et al.	429	30		
OK	AC	5,164,060	11/92 Fisman et al.	204	282		
OK	AD	5,169,731	12/92 Yoshimura et al.	29	30		
OK	AE	5,176,967	1/93 Ishihara et al.	429	31		
OK	AF	5,186,806	2/93 Clark	204	265		
OK	AG	5,187,025	2/93 Kelland et al.	429	33		
OK	AH	5,188,910	2/93 Ishihara et al.	429	31		
OK	AI	5,190,834	3/93 Kendall	429	31		
OK	AJ	5,192,627	3/93 Perry Jr. et al.	429	17		
OK	AK	5,200,278	4/93 Watkins et al.	429	24		
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER			DATE CONSIDERED				
			6/11/03				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020		SERIAL N. Yet to be assigned		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.				
				FILING DATE Filed herewith		GROUP		
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
OK	AA	5,200,279	4/93	Draper et al	429	30		
OK	AB	5,213,911	5/93	Bloom et al.	429	33		
OK	AC	5,217,822	6/93	Yoshida et al.	429	33		
OK	AD	5,219,673	6/93	Kaun	429	32		
OK	AE	5,223,353	6/93	Oshawa et al.	429	192		
OK	AF	5,232,794	8/93	Krumpelt et al.	429	30		
OK	AG	5,234,722	8/93	Ito et al.	427	453		
OK	AH	5,234,777	8/93	Wilson	429	33		
OK	AI	5,242,764	9/93	Dhar	429	30		
OK	AJ	5,244,753	9/93	Taniguchi et al	429	33		
OK	AK	5,246,792	9/93	Watanabe	429	33		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER					DATE CONSIDERED 6/10/03			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

Form PT -1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020		SERIAL N. Yet to be assigned	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.			
				FILING DATE Filed herewith		GROUP	
U.S. PATENT DOCUMENTS							
*Examiner Initial	Class	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
OK	AA	5,248,566	9/93	Kumar et al.	429	33	
OK	AB	5,252,410	10/93	Wilkinson et al.	429	33	
OK	AC	5,256,499	10/93	Minh et al.	429	33	
OK	AD	5,262,249	11/93	Beal et al.	429	26	
OK	AE	5,264,299	11/93	Krasij et al.	429	30	
OK	AF	5,266,419	11/93	Yamada	429	30	
OK	AG	5,266,421	11/93	Townsend et al.	429	192	
OK	AH	5,270,131	12/93	Diethelm et al.	429	34	
OK	AI	5,272,017	12/93	Swathirajan et al.	429	33	
OK	AJ	5,273,838	12/93	Draper et al.	429	31	
OK	AK	5,279,906	1/94	Yoshimura et al.	429	30	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER					DATE CONSIDERED		
					6/11/03		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

WA23-020

SERIAL N .

Yet to be assigned

LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Fuglevand et al.

FILING DATE

Filed herewith

GR UP

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
OK	AA	5,281,490	1/94	Nishioka et al	429	33	
OK	AB	5,286,579	2/94	Akagi	429	33	
OK	AC	5,290,323	3/94	Okuyama	29	623	
OK	AD	5,290,642	3/94	Minh et al.	429	33	
OK	AE	5,292,599	3/94	Soma et al.	429	30	
OK	AF	5,292,600	3/94	Kaufman	429	39	
OK	AG	5,298,235	3/94	Worrell et al.	429	33	
OK	AH	5,302,269	4/94	Eisman et al.	204	252	
OK	AI	5,306,574	4/94	Singh et al	429	13	
OK	AJ	5,304,430	4/94	Ludwig	429	17	
OK	AK	5,308,712	5/94	Seike et al.	429	30	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

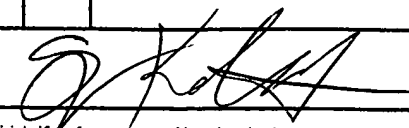
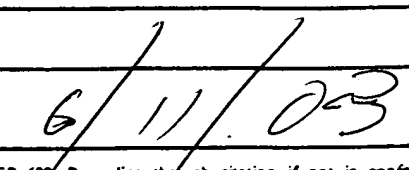
EXAMINER

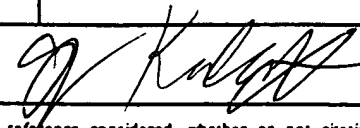
DATE CONSIDERED

6/3/01

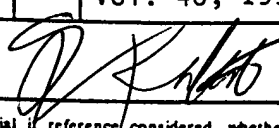
*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020	SERIAL N. Yet to be assigned		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Feglestad et al.			
				FILING DATE Filed herewith		GROUP	
U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
<i>OK</i>	AA	5,312,700	5/94 Ishida	429	30		
<i>OK</i>	AB	5,316,869	5/94 Perry Jr. <i>et al.</i>	429	19		
<i>OK</i>	AC	5,316,871	5/94 Swathirajan <i>et al.</i>	429	33		
<i>OK</i>	AD	5,330,859	7/94 McPheeters <i>et al.</i>	429	33		
<i>OK</i>	AE	5,330,860	7/94 Grot <i>et al.</i>	429	42		
<i>OK</i>	AF	5,336,570	8/94 Dodge	429	31		
<i>OK</i>	AG	5,338,622	8/94 Hsu <i>et al.</i>	429	26		
<i>OK</i>	AH	5,342,704	8/94 Vasilow <i>et al.</i>	429	31		
<i>OK</i>	AI	5,342,705	8/94 Minh <i>et al.</i>	429	32		
<i>OK</i>	AJ	5,344,721	9/94 Sonai <i>et al.</i>	429	20		
<i>OK</i>	AK	5,346,780	9/94 Suzuki	429	42		
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER			DATE CONSIDERED <i>6/11/03</i>				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

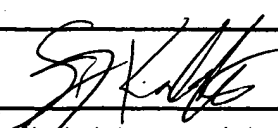
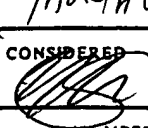
Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. D.CKET N. WA23-020	SERIAL N. Yet to be assigned		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Fuglevand et al.			
					FILING DATE Filed herewith		GR UP	
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
OK	AA	5,350,641	9/94	Mogensen et al.	429	30		
OK	AB	5,350,643	9/94	Imahashi et al.	429	33		
OK	AC	5,354,626	10/94	Kobayashi et al.	429	30		
OK	AD	5,356,728	10/94	Balachandran et al.	429	8		
OK	AE	5,356,730	10/94	Minh et al.	429	32		
OK	AF	5,358,620	10/94	Golorin et al.	204	421		
OK	AG	5,358,799	10/94	Gardner	429	26		
OK	AH	5,358,735	10/94	Kawaskai et al.	427	115		
OK	AI	5,364,711	11/94	Yamada et al.	429	15		
OK	AJ	5,366,818	11/94	Wilkinson et al.	429	13		
OK	AK	5,368,951	11/94	Shiratori et al.	429	30		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER				DATE CONSIDERED				
								
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								



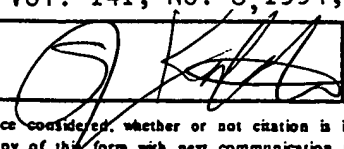
Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020		SERIAL NO. Yet to be assigned		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.				
				FILING DATE Filed herewith		GROUP		
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
OK	AA	5,372,895	12/94	Sato et al.	429	30		
OK	AB	5,372,896	12/94	Binder et al.	429	33		
OK	AC	5,385,792	1/95	Shiratori et al.	429	32		
OK	AD	5,395,704	3/95	Barnett et al.	429	30		
OK	AE	5,395,705	3/95	Door et al.	429	42		
OK	AF	5,403,461	4/95	Tuller et al.	204	252		
OK	AG	5,403,675	4/95	Ogata et al.	429	33		
OK	AH	5,407,758	4/95	Greiner et al.	429	33		
OK	AI	5,449,697	9/95	Noaki et al.	521	27		
OK	AJ	5,500,292	3/96	Muranaka et al.	429	209		
OK	AK	5,523,175	6/96	Beal et al.	429	30		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER				DATE CONSIDERED				
				6/11/03				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020		SERIAL NO. Yet to be assigned		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.				
				FILING DATE Filed herewith		GROUP		
U.S. PATENT DOCUMENTS								
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
<i>OK</i>	AA	5,523,177	6/96 Kosek <i>et al.</i>	429	40			
<i>OK</i>	AB	5,525,436	6/96 Savinell <i>et al.</i>	429	30			
<i>OK</i>	AC	5,532,072	7/96 Spaeh <i>et al.</i>	429	34			
<i>OK</i>	AD	5,534,362	7/96 Okamoto <i>et al.</i>	429	32			
<i>OK</i>	AE	5,547,777	8/96 Richards	429	32			
<i>OK</i>	AF	5,561,202	10/96 Helmer-Metzmann <i>et al.</i>	525	471			
<i>OK</i>	AG	5,624,769	4/97 Li <i>et al.</i>	429	32			
<i>OK</i>	AH	5,639,516	6/97 Dirven	427	421			
<i>OK</i>	AI	5,654,109	8/97 Plowman	429	13			
	AJ	W094/15377	7/94 Reiser					
	AK							
FOREIGN PATENT DOCUMENTS								
	Document Number	Date	Country	NAME	Class	Subclass	Translation	
							Yes	No
<i>OK</i>	AL	25 51936	11/75	Germany			X	
<i>OK</i>	AM	57-80675	5/82	Japan			X	
<i>OK</i>	AN	57-107570	7/82	Japan			X	
<i>OK</i>	AO	57-60670	4/82	Japan			X	
<i>OK</i>	AP	W094/15377	7/94	W0	Reiser			
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
<i>OK</i>	AR	Chul-Hawan et al., Journal of Polymer Science, Vol. 34, pp. 2709-2714, (1996) <i>(MATH unknown)</i>						
<i>OK</i>	AS	Tager et al; Polymer Science Vol.33, 1991 pp. 282-287 <i>(MATH unknown)</i>						
<i>OK</i>	AT	Wilson et al., Private Paper 1996, 8 pages <i>(MATH unknown)</i>						
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <i>6/11/03</i>				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

Form PT -1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020		SERIAL NO. Yet to be assigned	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.			
				FILING DATE Filed herewith		GROUP	
U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
OK	AR		Lam-Leung et al; Journal of Applied Polymer Science, Vol. 57, 1995, pp.1373-1379 (MONTH unknown)				
OK	AS		Dowling et al; Macromolecules 1991, pp. 4131-4237 (MONTH unknown)				
OK	AT		Theodoropoulouse et al; Journal of Applied Polymer Science, Vol. 46, 1992, pp. 1461-1465 (MONTH unknown)				
EXAMINER			DATE CONSIDERED				
			6/11/03				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020	SERIAL NO. Yet to be assigned	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.		
				FILING DATE Filed herewith	GROUP	
U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Subclass	Translation
						Yes No
	AL					
	AM					
	AN					
	AO					
	AP					
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)						
	AR		Chainey et al; Journal of Polymer Science, 1989, Vol. 27,			
			pp. 3187-3199 (month unknown)			
	AS		Tovbin et al; Russian Journal of Physical Chemistry, Vol. 67,			
			1993, pp. 471-474 (month unknown)			
	AT		Krever et al; Chemical Material 1996, Vol. 8, pp. 610-641			
			(month unknown)			
EXAMINER			DATE CONSIDERED			
			6/11/3			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>						

Form PT -1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020	SERIAL NO. Yet to be assigned				
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.					
				FILING DATE Filed herewith	GR UP				
U.S. PATENT DOCUMENTS									
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
	AA								
	AB								
	AC								
	AD								
	AE								
	AF								
	AG								
	AH								
	AI								
	AJ								
	AK								
FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country	Class	Subclass	Translation		
							Yes	No	
	AL								
	AM								
	AN								
	AO								
	AP								
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)									
OK	AR		Wieczorek et al; Electrochimica Acta, Vol. 40 (1995),						
			pp. 2327-2330 (month unknown)						
OK	AS		Poinsignon et al; Materials Science and Engineering (1989),						
			pp. 31-37 (month unknown)						
OK	AT		Solomin; Polymer Science USSR Vol. 34, 1992, pp. 274-275						
			(month unknown)						
EXAMINER				DATE CONSIDERED					
				 6/11/03					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET N. WA23-020		SERIAL NO. Yet to be assigned	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Fuglestad et al.			
					FILING DATE Filed herewith		GROUP	
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AR		Zawodzinski et al; Solid State Ionics, Vol. 60 (1993), pp. 199-211 (Month unknown)					
	AS		Ticianelli et al; Journal of Applied Electro-Chemistry, Vol. 21 (1991), pp. 597-605 (Month unknown)					
	AT		Savodogo et al; Journal of the Electro Chemical Society, Vol. 141, No. 8, 1994, pp. L92-L95 (Aug.)					
EXAMINER				DATE CONSIDERED				
				6/11/03				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

Form PT -1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET N. WA23-020	SERIAL N. Yet to be assigned
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglestad et al.	
				FILING DATE Filed herewith	GROUP

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
Document Number	Date	Country	Class	Subclass	Translation		
					Yes	No	
AL							
AM							
AN							
AO							
AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
SK	AR		Staiti et al; Journal of Applied Electrochemistry; Vol 22
			(1992), pp. 663-667. (MATH unknown)
SK	AS		Gao et al; Electrochimica Acta; Vol. 37, No. 8, pp. 1327-1332
			(1992) (MATH unknown)
SK	AT		Mosdale et al; Solid State Ionics; Vol. 61 (1993), pp. 251-255
			(MATH unknown)

EXAMINER 	DATE CONSIDERED 6/11/03
--------------	----------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020	SERIAL NO. Yet to be assigned
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglestad et al.	
				FILING DATE Filed herewith	GROUP

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
	AL					Yes	No
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
	AR		Uchida et al; Journal of the Electrochemical Society; No. 142 (1995), pp. 463-468 (Feb)
	AS		Shukla et al; Journal of Applied Electrochemistry; Vol. 19 (1989), pp. 383-386 (month unknown)
	AT		Hamnett et al; Journal of Applied Electrochemistry, Vol. 21, (1991), pp. 982-985 (month unknown)
EXAMINER			DATE CONSIDERED 6/11/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PT -1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET N.
WA23-020SERIAL N.
Yet to be assignedLIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Fuglevand et al.FILING DATE
Filed herewith

GR UP

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Ticianelli et al; Journal of Electro Chemical Society; Vol. 135, (1988), pp. 2209-2214	(STANTH unknown)
	AS		Prater et al; Journal of Power Sources; Vol. 37 (1992), pp. 181-188	(STANTH unknown)
	AT		Prater et al; Journal of Power Sources; Vol. 29, (1990), pp. 239-250	(STANTH unknown)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PT -1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET N.
WA23-020SERIAL NO.
Yet to be assignedLIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Fuglestad et al.FILING DATE
Filed herewith

GR UP

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

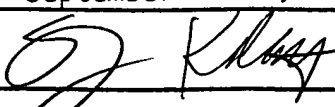
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

OK	AR		Svinivasan et al; Journal of Power Sources; Vol. 22 (1988),
			pp. 359-375 (MONTH UNKNOWN)
OK	AS		Ticianelli et al; Journal of Electroanalytical Chemistry;
			Vol. 251 (1988), pp. 275-295 (MONTH UNKNOWN)
OK	AT		Moore et al; Macromolecules; Vol. 22 (1984), 3594-3599
			(MONTH NOT APPLICABLE)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020		SERIAL N. Yet to be assigned	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglestad et al.			
				FILING DATE Filed herewith		GROUP	
U.S. PATENT DOCUMENTS							
*Examiner Initial	AA	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
OK	AR		U.S. Dept. of Energy; Fuel Cells A Handbook (Revision 3); January 1994, pp. 1-1 - 9-14				
OK	AS		Fuel Cell Systems; American Chemical Society Symposia, April 6-7, 1964, pp. 18-201				
OK	AT		Fuel Cell Systems II; American Chemical Society Symposia, September 12-14, 1967, pp. 1-80				
EXAMINER				DATE CONSIDERED			
				6/11/03			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020	SERIAL NO. Yet to be assigned
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.	
				FILING DATE Filed herewith	GROUP

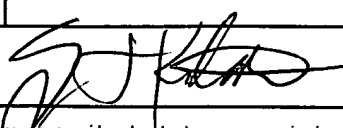
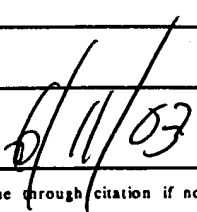
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
OK	AA	3,808,534	4/74	Summers et al.	340	249	
OK	AB	4,035,551	7/77	Grevstad	429	44	
OK	AC	4,435,252	3/84	Kadija	204	11	
	AD	4,670,702	6/87	Yamada et al.	320	21	
OK	AE	4,795,683	1/89	McElroy	429	13	
OK	AF	4,973,530	11/90	Vanderborgh et al.	429	13	
OK	AG	4,973,531	11/90	Zaima et al.	429	37	
OK	AH	4,988,582	1/91	Dyer	429	30	
OK	AI	5,045,414	9/91	Bushnell et al.	429	17	
OK	AJ	5,154,985	10/92	Takechi et al.	429	23	
	AK	5,346,780	9/94	Suzuki	429	42	

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
OK	AL	GB 2 129237A	5/84	United Kingdom				
OK	AM	WO 001/17952	3/00	PCT				
	AN							
	AO							
	AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
	AR		
	AS		
	AT		

EXAMINER 	DATE CONSIDERED 6/1/03
--------------	---------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

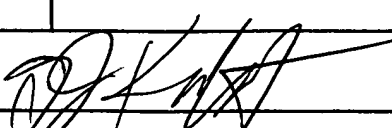
Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020	SERIAL NO. Yet to be assigned		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.			
				FILING DATE Filed herewith	GROUP		
U.S. PATENT DOCUMENTS							
*Examiner Initial	AA	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
OK	AA	5,382,478	1/95	Chow et al.	429	26	
OK	AB	5,419,980	5/95	Okamoto et al.	429	32	
OK	AC	5,470,671	11/95	Fletcher et al.	429	26	
OK	AD	5,521,020	5/96	Dhar	429	142	
OK	AE	5,599,638	2/97	Surampudi et al.	429	33	
OK	AF	5,599,639	2/97	Sansome et al.	429	33	
OK	AG	5,607,785	3/97	Tozawa et al.	429	33	
	AH	5,624,769	4/97	Li et al.	429	32	
OK	AI	5,677,074	10/97	Serpico et al.	429	43	
OK	AJ	5,707,755	1/98	Grot	429	40	
	AK						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER				DATE CONSIDERED			
							
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020	SERIAL NO. Yet to be assigned
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.	
				FILING DATE Filed herewith	GROUP

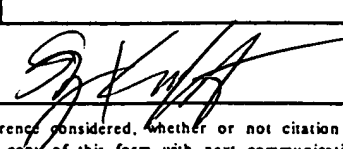
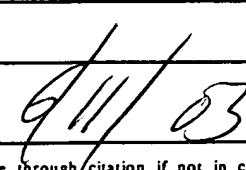
U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
OK	AA	5,726,105	3/98	Grasso et al.	442	326	
OK	AB	5,750,281	5/98	Washington et al.	429	39	
OK	AC	5,759,712	6/98	Hockaday	429	30	
OK	AD	5,763,113	6/98	Meltser et al.	429	13	
OK	AE	5,773,160	6/98	Wilkinson et al.	429	13	
OK	AF	5,776,625	7/98	Kaufman et al.	429	30	
OK	AG	5,783,325	7/98	Cabasso et al.	429	42	
OK	AH	5,789,091	8/98	Wozniczka et al.	429	12	
OK	AI	5,798,186	8/98	Fletcher et al.	429	13	
OK	AJ	5,804,326	9/98	Chow et al.	429	26	
OK	AK	6,007,933	12/99	Jones	429	38	

FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
AL							
AM							
AN							
AO							
AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
	AR		
	AS		
	AT		

EXAMINER 	DATE CONSIDERED 6/11/03
---	----------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

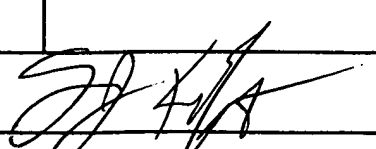
Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020	SERIAL NO. Yet to be assigned			
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.				
				FILING DATE Filed herewith	GROUP			
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
OK	AA	5,858,567	1/99	Spear Jr. et al.	429	12		
OK	AB	5,863,671	1/99	Spear Jr. et al.	429	12		
OK	AC	5,863,672	1/99	Ledjeff et al.	429	26		
OK	AD	5,863,673	1/99	Campbell et al.	429	44		
OK	AE	5,869,202	2/99	Marchetti	429	30		
OK	AF	5,874,182	2/99	Wilkinson et al.	429	30		
OK	AG	5,925,322	7/99	Werth	422	170		
OK	AH	5,931,658	8/99	Sederquist et al.	431	207		
OK	AI	5,935,726	8/99	Chow et al.	429	13		
OK	AJ	5,989,741	11/99	Bloomfield et al.	429	32		
OK	AK	5,993,987	11/99	Wozniczka et al.	429	37		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER				DATE CONSIDERED				
								
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020	SERIAL NO. Yet to be assigned
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.	
				FILING DATE Filed herewith	GROUP

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
OK	AA	6,007,931	12/99 Fuller et al.	429	13		
OK	AB	6,007,932	12/99 Steyn	429	31		
OK	AC	6,015,634	1/00 Bonville Jr. et al.	429	17		
OK	AD	6,024,848	2/00 Dufner et al.	204	252		
OK	AE	6,025,084	2/00 Kawasaki et al.	429	30		
OK	AF	6,045,934	4/00 Enami et al.	429	30		
OK	AG	6,010,798	1/00 Hammerschmidt et al.	429	30		
	AH	6,030,718	2/00 Fuglevand et al.	429	26		
OK	AI	6,051,192	4/00 Maston et al.	422	110		
OK	AJ	6,051,329	4/00 Fasano et al.	429	30		
OK	AK	6,051,330	4/00 Fasano et al.	429	30		

FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
AL							
AM							
AN							
AO							
AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
	AR		
	AS		
	AT		

EXAMINER 	DATE CONSIDERED 6/11/03
---	----------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. WA23-020	SERIAL NO. Yet to be assigned
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Fuglevand et al.	
				FILING DATE Filed herewith	GROUP

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
OK	AA	6,051,331	4/00	Spear Jr. et al.	429	34	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
	AR		
	AS		
	AT		

EXAMINER 	DATE CONSIDERED 6/11/03
--------------	----------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
AVI-011SERIAL NO.
-09/577,407- 09/91691LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
William A. Fuglevand, et al.FILING DATE
May 17, 2000 7/26/01GROUP
1745

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
SK	AA	6,210,823	04/03/01	Hatoh et al.	429	30	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

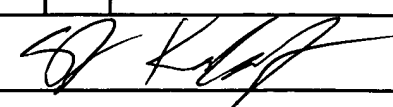
09/916791

07/26/01

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. WA23-020		SERIAL NO. 08/577,402 69 / 916791	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT William A. Fuglevand et al.			
					FILING DATE May 17, 2000 7/26/01		GROUP 1795	
U.S. PATENT DOCUMENTS								
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
OK	AA	3,554,803	01/12/71	Poirier	136	86		
OK	AB	4,648,955	03/10/87	Maget	204	258		
OK	AC	4,769,296	09/06/88	Sterzel	429	12		
OK	AD	5,069,985	12/03/91	Cohen et al.	429	26		
OK	AE	5,190,834	03/02/93	Kendall	429	31		
OK	AF	5,686,197	11/11/97	Nishida et al.	429	30		
OK	AG	5,783,324	07/21/98	Binder et al.	429	31		
OK	AH	6,080,501	06/27/00	Kelley et al.	429	31		
	AI							
	AJ							
	AK							
FOREIGN PATENT DOCUMENTS								
	Document Number	Date	Country	Class	Subclass	Translation		
						Yes	No	
OK	AL WO 00/26980	05/11/00	WO					
OK	AM 2 286 482	08/16/95	Great Britain					
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER				DATE CONSIDERED				
[Signature]				6/11/03				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

10857 U.S. PTO
 09/916791
 07/26/01

EL844046158

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. AVI-024		29 / 96791 SERIAL NO. Not Yet Assigned	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT William A. Fuglevand		FILING DATE 7/26/01	
				GROUP Unknown		1795	
U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
OK	AA	6,096,449	8/2000	Fuglevand et al.	429	13	
OK	AB	6,030,718	2/2000	Fuglevand et al.	429	26	
OK	AC	6,028,414	2/2000	Chouinard et al.	320	110	
OK	AD	5,916,699	6/1999	Thomas et al.	429	3	
OK	AE	5,401,589	3/1995	Palmer et al.	429	13	
OK	AF	6,468,182 6,468,182	2/17/2000 10/2002	Fuglevand et al.	429	26	
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AM						
	AN						
	AO						
	AP						
	AQ						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER				DATE CONSIDERED			
				6/11/03			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							